



#12

## SEQUENCE LISTING

&lt;110&gt; Novartis AG

&lt;120&gt; Modified viral surface proteins for binding to extracellular matrix components

&lt;130&gt; 271010-463

&lt;140&gt; US 09/904,923

&lt;141&gt; 2001-07-13

&lt;160&gt; 3

&lt;170&gt; PatentIn version 3.1

&lt;210&gt; 1

&lt;211&gt; 229

&lt;212&gt; PRT

&lt;213&gt; Moloney murine leukemia virus

&lt;400&gt; 1

Ala Ser Pro Gly Ser Ser Pro His Gln Val Tyr Asn Ile Thr Trp Glu  
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Val Thr Asn Gly Asp Arg Glu Thr Val Trp Ala Thr Ser Gly Asn His  
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Pro Leu Trp Thr Trp Trp Pro Asp Leu Thr Pro Asp Leu Cys Met Leu  
35 40 45

Ala His His Gly Pro Ser Tyr Trp Gly Leu Gly Tyr Gln Ser Pro Phe  
50 55 60

Ser Ser Pro Pro Gly Pro Pro Cys Cys Ser Gly Gly Ser Ser Pro Gly  
65 70 75 80

Cys Ser Arg Asp Cys Glu Glu Pro Leu Thr Ser Leu Thr Pro Arg Cys  
85 90 95

Asn Thr Ala Trp Asn Arg Leu Lys Leu Asp Gln Thr Thr His Lys Ser  
100 105 110

Asn Glu Gly Phe Tyr Val Cys Pro Gly Pro His Arg Pro Arg Glu Ser  
115 120 125

Lys Ser Cys Gly Gly Pro Asp Ser Phe Tyr Cys Ala Tyr Trp Gly Cys  
130 135 140

Glu Thr Thr Gly Arg Ala Tyr Trp Lys Pro Ser Ser Ser Trp Asp Phe  
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Ile Thr Val Asn Asn Asn Leu Thr Ser Asp Gln Ala Val Gln Val Cys  
165 170 175

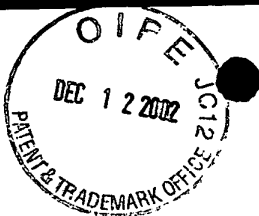
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Gly Arg Arg Val Thr Ser Trp Thr Thr Gly His Tyr Trp Gly Leu Arg  
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Arg Tyr Gln Asn Leu  
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<212> DNA



<213> Moloney murine leukemia virus

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<212> PRT

<213> Artificial Sequence

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